

OK TO ENTER: /K.G./

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-16. (Canceled)

17. (Previously presented) A corrosion resistant member comprising a Y_2O_3 sintered material that includes 99.9% by weight or more Y in terms of Y_2O_3 , wherein

said Y_2O_3 sintered material comprises at least metal element of AE, wherein AE is a group II element of the periodic table, and

wherein a difference in crystal grain size between the surface and the inside region of said Y_2O_3 sintered material is not larger than 30 μm .

18. (Previously presented) The corrosion resistant member according to claim 17, wherein said Y_2O_3 sintered material further comprises any one of Si, Fe and Al.

19. (Currently amended) The corrosion resistant member according to claim 17, wherein said Y_2O_3 sintered material further comprises ~~any of a group of metallic elements consisting of~~ a non zero amount of Si, Fe, Al and AE (these metallic elements will hereinafter be collectively referred to as metal elements M), in concentrations of 300 ppm or less for Si in terms of SiO_2 , 50 ppm or less for Fe in terms of Fe_2O_3 , 100 ppm or less Al in terms of Al_2O_3 and 350 ppm or less AE, wherein AE is a group II element of the periodic table, in terms of AEO, wherein AEO is a compound containing the AE and O.